

FIG. 1

FIG. 2

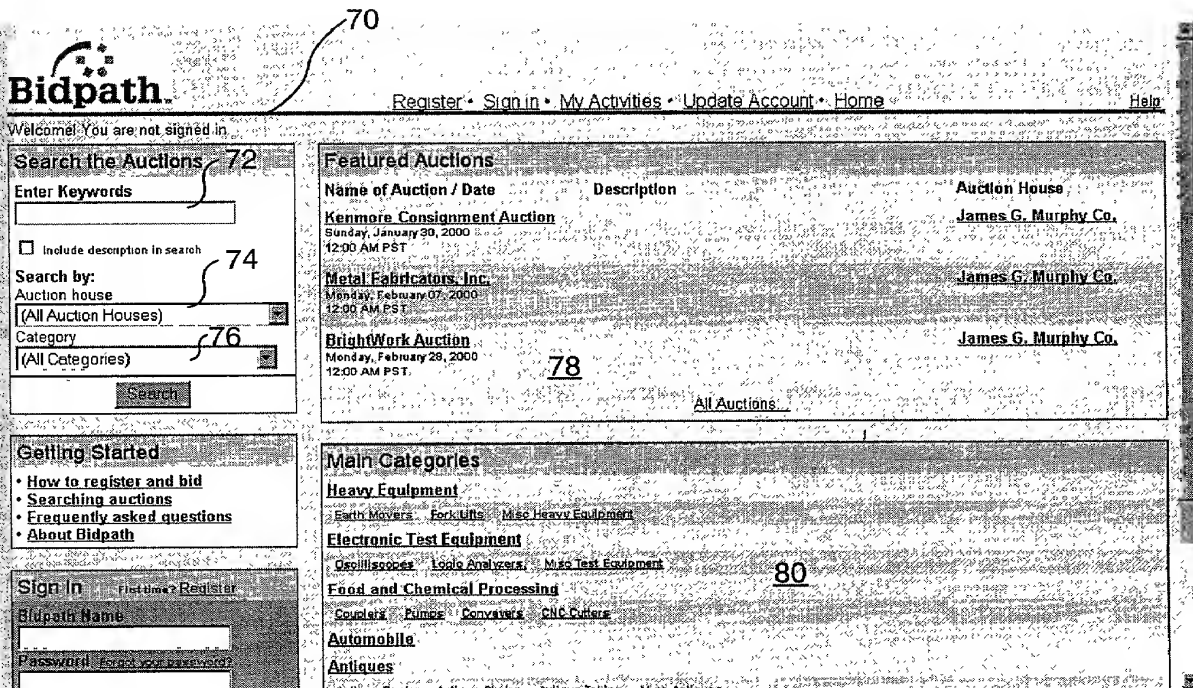
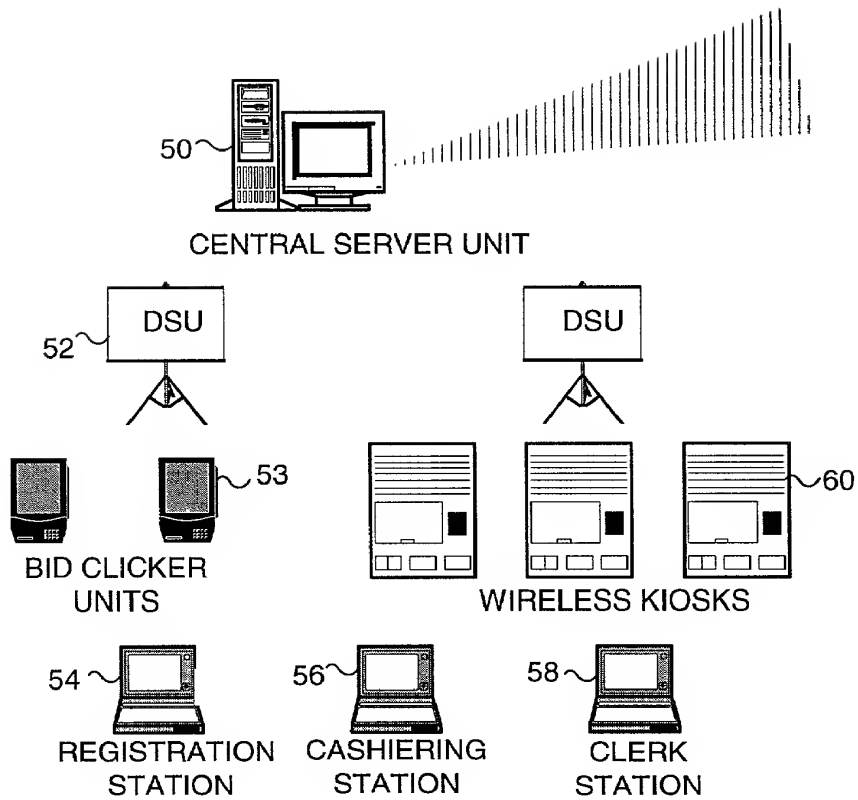


FIG. 4

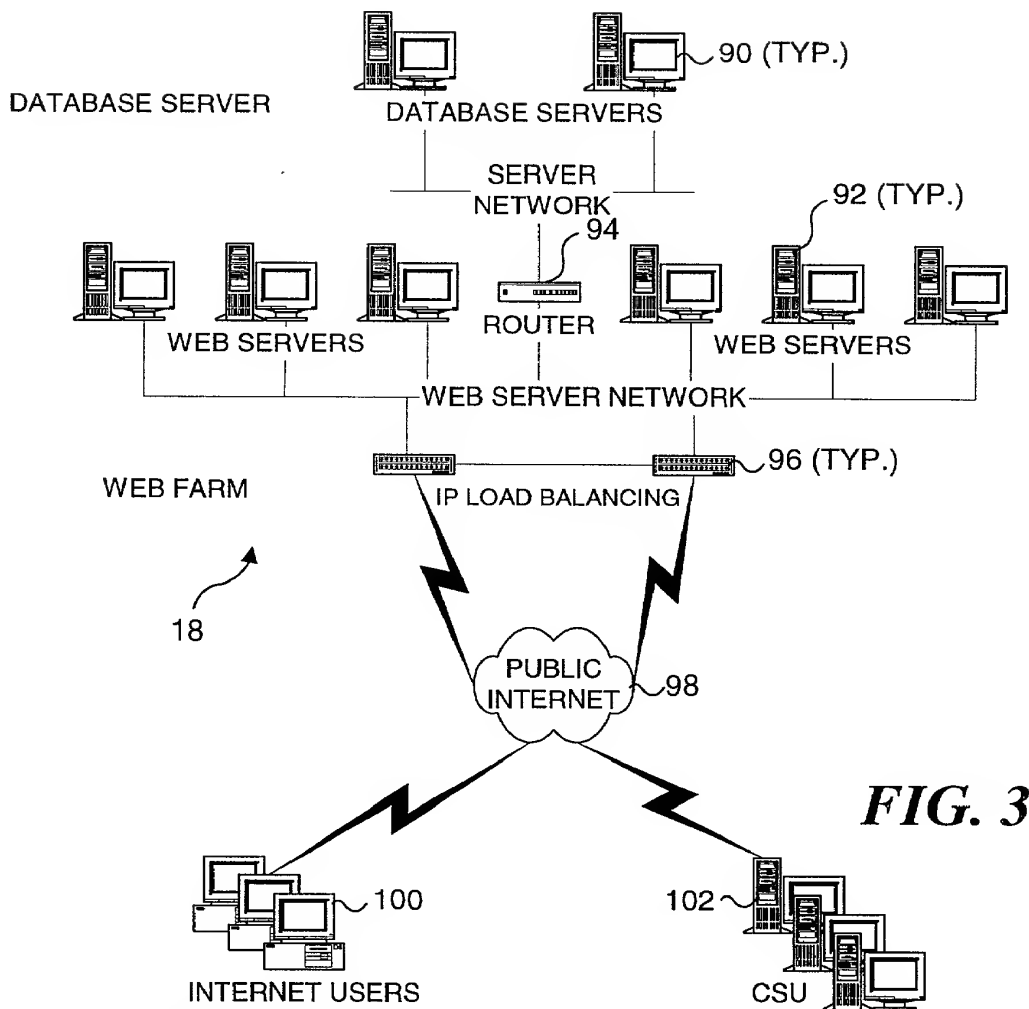


FIG. 3

Address: E:\BidPathDocs\HTML\Bidpath_Bidding.html

Bidpath.com

Register • Sign in • My Activities • Update Account

	Auction 1	Auction 2	Auction 3
Pacific Machines Auction House: James G. Murphy, Inc. Metal fabricating equipment and tools. 112	Item: Quincy QNW490B Top Bidder: Frank Gorshun Bid Amount: \$10,550 Previous Bids: Sally Fields \$10,000 Fred Rodgers \$9,500 Grady Templeton \$9,450 Martin Short \$9,400 Description: Air compressor built in 1985. Operates on 120v.	Item: Quincy QNW490B Top Bidder: Frank Gorshun Bid Amount: \$10,550 Previous Bids: Sally Fields \$10,000 Fred Rodgers \$9,500 Grady Templeton \$9,450 Martin Short \$9,400 Description: Air compressor built in 1985. Operates on 120v.	Item: Quincy QNW490B Top Bidder: Frank Gorshun Bid Amount: \$10,550 Previous Bids: Sally Fields \$10,000 Fred Rodgers \$9,500 Grady Templeton \$9,450 Martin Short \$9,400 Description: Air compressor built in 1985. Operates on 120v.
Airplane Auction Auction House: Airplane Auctioneers Various corporate and private aircraft. 114	Item: Quincy QNW490B Top Bidder: Frank Gorshun Bid Amount: \$10,550 Previous Bids: Sally Fields \$10,000 Fred Rodgers \$9,500 Grady Templeton \$9,450 Martin Short \$9,400 Description: Air compressor built in 1985. Operates on 120v.	Item: Quincy QNW490B Top Bidder: Frank Gorshun Bid Amount: \$10,550 Previous Bids: Sally Fields \$10,000 Fred Rodgers \$9,500 Grady Templeton \$9,450 Martin Short \$9,400 Description: Air compressor built in 1985. Operates on 120v.	Item: Quincy QNW490B Top Bidder: Frank Gorshun Bid Amount: \$10,550 Previous Bids: Sally Fields \$10,000 Fred Rodgers \$9,500 Grady Templeton \$9,450 Martin Short \$9,400 Description: Air compressor built in 1985. Operates on 120v.

FIG. 6

File Edit View Favorites Tools Help

Address http://localhost/bidpath/registration.asp?status=1&returnPath=home.asp

Bidpath Register • Sign in • My Activities • Update Account • Home Help

Registration – Step 2 of 3

Please fill out the information below as completely and accurately as possible. Be sure to include any fields marked with the * symbol. Once the form is completed, click the 'Next' button to continue.

Personal Information Fields marked * are required.

First Name:

Middle Init/Name:

Last Name:

Address:

Country:

Address 1:

Address 2:

Address 3:

City:

State/Province:

Zip/Postal Code:

FIG. 5A

2 Bidpath.com - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost/bidpath/registration.asp?status=1&returnPath=home.asp

Evening Phone:

Fax:

Shipping Address (if different)

Country:

Address 1:

Address 2:

Address 3:

City:

State/Province:

Zip/Postal Code:

Credit Card Information Fields marked * are required.

Card Type:

Name On Card:

Card Number:

Expiration Month:

Expiration Year:

Next Cancel

FIG. 5B

Bid!

ar: Bid Amount: Gorshin **\$10,550**

Bids: ds \$10,000 gers \$9,500 mpleton \$9,450 ort \$9,400

Auction 2

Item: Quincy QNW490B

Bid Amount: **132** Current Bid (10:02 AM Pacific) **\$10,700**


Bid Type:

Auction 3

Item: Quincy QNW490B

Top Bidder: Frank C

Previous: Sally Field, Fred Rodg, Grady Ter, Martin Sh



Description: Air compressor built in 1985. Operat

tes on 120v.

Bid!	Auction 2	Bid!	Auction 3
ar: Bid Amount: Gorshin \$10,550	Item: <u>Quincy QNW490B</u>	Top Bidder: Frank Gorshin \$10,550	Item: <u>Quincy QNW490B</u>
Bids: ds \$10,000	Previous Bids: Sally Fields	Previous Bids: Sally Field	

FIG. 7

134





<p>Register • Sign in • My Activities • Update Account</p>			
<p>Bidpath.com</p>			
<p>Search Results [All Auctions :: Machinery]</p>			
<p>New Search Keywords: Auction house: (All Auction Houses) Category: (All Categories)</p>			
Item	Photo	Description	Auction
<p>MUBEA Vario-Cut 900</p> <p>Est \$20,000-22,000</p> <p>Absentee Bid!</p>		<p>Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323</p> <p style="text-align: center;">136</p>	<p>Pacific Machines (09/10/1999 8:00AM PST) Auctioneer James G. Murphy</p>
<p>MUBEA Vario-Cut 900</p> <p>Est \$20,000-22,000</p> <p>Absentee Bid!</p>		<p>Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323</p> <p style="text-align: center;">138</p>	<p>Pacific Machines (09/10/1999 8:00AM PST) Auctioneer James G. Murphy</p>
<p>MUBEA Vario-Cut 900</p> <p>Est \$20,000-22,000</p> <p>Absentee Bid!</p>		<p>Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323</p> <p style="text-align: center;">140</p>	<p>Pacific Machines (09/10/1999 8:00AM PST) Auctioneer James G. Murphy</p>
<p>MUBEA Vario-Cut 900</p> <p>Est \$20,000-22,000</p> <p>Absentee Bid!</p>		<p>Ironworker w/90 ton hole punch, 3/4 X 24" plates, 6 X 6 X 1/2 angle shear punches, 1/4" - 2" dis, w/tooling, s/n 10285859334323</p> <p style="text-align: center;">142</p>	<p>Pacific Machines (09/10/1999 8:00AM PST) Auctioneer James G. Murphy</p>

FIG. 8

Cashiering

Pacific Antique Auctions

19088 Market Street
Seattle WA 98102 (206) 555-1234

Invoice **2207**

10/13/1999

Customer ID: **23145** ¹⁵²

Last Name: **Jackson** ¹⁵⁴ First Name: **MaryBeth** Phone: **(206) 555-9876**

Item Code	Description	Quantity	Unit Price	Amount
147	Belgium Linen Napkins	2	30.00	60.00
322	Belgium Linen Table Runner	1	65.00	65.00
467	Royal Dalton Asters Teacup with Saucer	1	58.00	58.00

¹⁵⁶

Credit Card **Check** **Cash**

¹⁵⁸ ☐ VISA ☐ MasterCard ☐ Discover

Name as on Card: **MaryBeth J. Jackson**

Number: **1234 3456 5678 6789**

Expiration Date: **6/2000**

Payment Amount: **136.95**

TOTAL PAYMENT: 136.95 ¹⁶¹

¹⁶⁰ SubTotal: **183.00**

Sales Tax: **15.65**

Buyers Premium: **18.30**

Invoice Total: **216.95**

LESS:

Deposit: **80.00**

AMOUNT DUE: 136.95

Find ¹⁶⁴ **Save** ¹⁶⁵ **Clear** ¹⁶⁷ **Delete** ¹⁶⁸ **Print** ¹⁶⁶ **Close** ¹⁶⁹

FIG. 9

150



Pacific Antique Auctions

19088 Market Street
Seattle, WA 98102

(206) 555-1234

Invoice 2207

10/13/1999

Sold To: **163**
144 Account # 53467
MaryBeth L. Jackson
(206) 555-9876

Item Code	Description	Quantity	Unit Price	Amount
147	Belgium Linen Napkins	2	30.00	60.00
322	Belgium Linen Table Runner	1	65.00	65.00
467	Royal Dalton Asters Teacup with Saucer	1	58.00	58.00

165

162

SubTotal:	183.00
Sales Tax:	15.65
Buyers Premium:	18.30
Invoice Total:	216.95
LESS: Deposit:	80.00
TOTAL:	136.95

Sale Terms: **167** VISA

PAYMENT AMOUNT: 136.95

Page 1 of 1

FIG. 10

Scheduling

Segment Setup						
Channel Setup	DSU Tuning	Advertisement Setup		181		
Segment Name	Segment Start	Segment End	Description			
Segment 1:	10:00	5 Minutes	Chairs, Table, Television			
Segment 2:	After Segment 1	5 Minutes	Antiques, Etc.			
Segment 3:	After Segment 2	1 Min After Last Bid	More Stuff			
Segment 4:	11:00	5 Minutes	Another Segment			
Segment 5:	After Segment 4	Manual End	More Stuff			

Schedule

	10:30	10:00	11:30	12:00
Channel 1	[Bar]	[Bar]	[Bar]	
Channel 2	[Bar]	[Bar]		
Channel 3				

Advertisements

Hartlee Farm Implement
Taylor Ford 176

Legend

- Fixed End [Black Box]
- Variable End [Dark Grey Box]
- Advertisement [Light Grey Box]

Autoplace Following {
179
178 }

Default Duration 12 Min

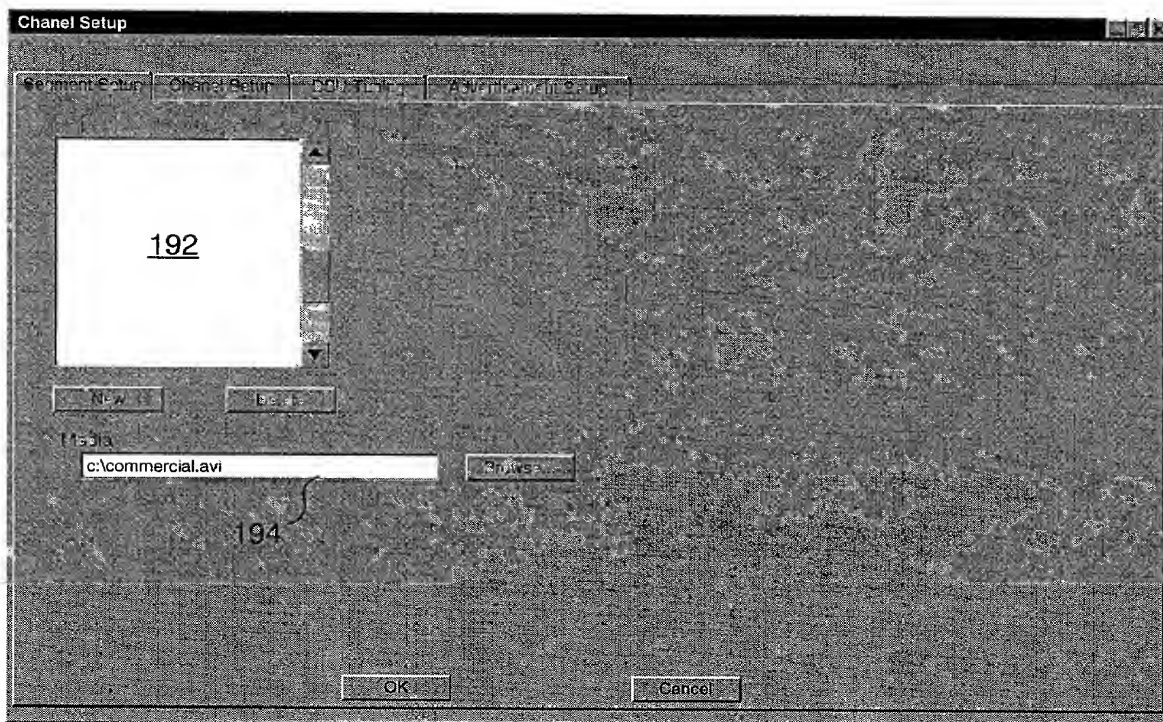
FIG. 11

170



180

FIG. 12



190

FIG. 13

202
(Bidpath Corp. logo goes here)

204
(Additional logo goes here)

206

MULTIPLE LISTING

**LOT 200 - JANZEN 3" belt
sander**

Top Bid - Cathy Stanford -
\$520 208
2nd Bid - Jerry Houston -
\$500

**LOT 213-CAROLINA hydraulic
press**

Top Bid - Ed Fogard - \$500
2nd Bid - Mike Gardner -
\$450

**LOT 201-LANGE UGM63 pipe
bender**

Top Bid - Mike Gardner
- \$700
2nd Bid - Danny Rosenthal
- \$600

**LOT 214-VICKERS hydraulic
unit**

Top Bid - Ed Fogard - \$620
2nd Bid - Jerry Houston -
\$600

LOT 202-LANGE M1 pipe bender

Top Bid - Danny
Rosenthal - \$140
2nd Bid - Ted Carroll -
\$130

**LOT 215-VICKERS 5hp hydraulic
unit**

Top Bid - Mike Gardner -
\$475
2nd Bid - Ted Carroll -
\$450

**LOT 205-BRIDGEPORT milling
machine**

Top Bid - Ed Fogard - \$500
2nd Bid - Mike Gardner -
\$300

**LOT 220-VICKERS 3hp hydraulic
unit**

Top Bid - Ed Fogard - \$300
2nd Bid - Cathy Stanford -
\$280

200

FIG. 14A

LOT 206-AUTOSTART pedestal grinder	LOT 221-OILGEAR 3hp hydraulic unit
Top Bid - Danny Rosenthal	Top Bid - Jerry Houston -
- \$100	\$320
2nd Bid -	2nd Bid - Danny Rosenthal -
	\$300
LOT 207-JET 10" pedestal grinder	LOT 222-MARVEL band saw
Top Bid - Jerry Houston -	Top Bid - Ed Fogard - \$180
\$150	2nd Bid - Jerry Houston -
2nd Bid - Danny Rosenthal	\$170
- \$125	
LOT 208-WILTON 20" drill press	LOT 223-ARCAIR cutting system
Top Bid - Ted Carroll -	Top Bid - Cathy Stanford -
\$200	\$250
2nd Bid -	2nd Bid - Ted Carroll -
	\$225
LOT 210-STERLING drill bit set	LOT 224-QUINCY air compressor
Top Bid - Cathy Stanford -	Top Bid - Danny Rosenthal -
\$75	\$290
2nd Bid - Danny Rosenthal	2nd Bid - Ted Carroll -
- \$50	\$280
LOT 235-\$500 LOT 236-\$300 LOT 236-\$320 LOT 240-\$1220 LOT 229-\$50 ...	
THIS SEGMENT CLOSSES IN 5 MINUTES.	
PAGE 1 OF 2	

FIG. 15A

BidPath.com logo goes here		Additional logo goes here	
		222	TOP 10 HOT LIST
1	LOT 201-LANGE UGM63 pipe bender Top Bid - Mike Gardner - \$700 224 2nd Bid - Danny Rosenthal - \$600		
2	LOT 214-VICKERS hydraulic unit Top Bid - Ed Fogard - \$620 2nd Bid - Jerry Houston - \$600		
3	LOT 200 - JANZEN 3" belt sander Top Bid - Cathy Stanford - \$520 2nd Bid - Jerry Houston - \$500		
4	LOT 220-VICKERS 3hp hydraulic unit Top Bid - Ed Fogard - \$300 2nd Bid - Cathy Stanford - \$280		
5	LOT 221-OILGEAR 3hp hydraulic unit Top Bid - Jerry Houston - \$320 2nd Bid - Danny Rosenthal - \$300		
6	LOT 205-BRIDGEPORT milling machine Top Bid - Ed Fogard - \$500 2nd Bid - Mike Gardner - \$300		
7	LOT 213-CAROLINA hydraulic press Top Bid - Ed Fogard - \$500 2nd Bid - Mike Gardner - \$450		
8	LOT 215-VICKERS 5hp hydraulic unit Top Bid - Mike Gardner - \$475 2nd Bid - Ted Carroll - \$450		

220

FIG. 15A

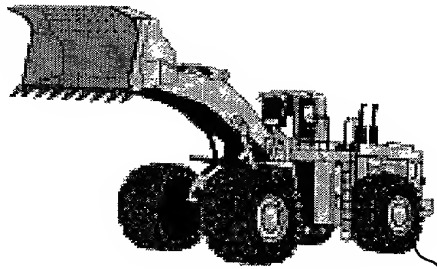
8	LOT 215-VICKERS 5hp hydraulic unit Top Bid - Mike Gardner - \$475 2nd Bid - Ted Carroll - \$450
9	LOT 223-ARCAIR cutting system Top Bid - Cathy Stanford - \$250 2nd Bid - Ted Carroll - \$225
10	LOT 224-QUINCY air compressor Top Bid - Danny Rosenthal - \$290 2nd Bid - Ted Carroll - \$280

LOT 235-\$500 LOT 236-\$300 LOT 236-\$320 LOT 240-\$1220 LOT 229-\$50 ...
THIS SEGMENT CLOSSES IN 5 MINUTES.
PAGE 1 OF 1

220

FIG. 15B

LOT 221- John Deere Bull Dozer



232

Bright yellow 1989 John Deere
bull dozer

in excellent condition. Big black
tires and a huge shovel. Every man's
dream.

230

234

Top Bid: Danny Rosenthal \$2500

2nd Bid: Ed Fogard \$2400

236

LOT 235-\$500 LOT 236-\$300 LOT 236-\$320 LOT 240-\$1220 LOT 229-\$50 ...
THIS SEGMENT CLOSSES IN 5 MINUTES.
PAGE 1 OF 15

FIG. 16

FIG. 17

Next Item: ~ 253

251
Item Start: ~ 252

Item#: ~ 254

Name: ~ 256



258

250

Short Description:

~ 260

Appraised: ~ 262

FIG. 18

271
Current Item:

Item End: ~ 272

Item#: ~ 274

Name: ~ 276



278

270

Short Description:

~ 280

Appraised: ~ 282

Current Bid: ~ 284

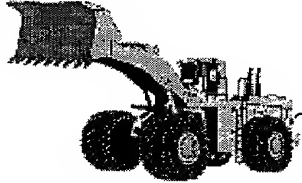
Asking Price: ~ 286

Bid Increment: ~ 288

Last Sold Item:

Item#: ~ 292

Name: ~ 294



290

~ 296

Short Description:

~ 298

Appraised: ~ 300

Sold For: ~ 302

Sold To: ~ 304

FIG. 19

Current Bidders:

Name: ~ 312

Bid Amount: ~ 314

Deposit: ~ 316

310

FIG. 20

Overall Schedule: Sold 6 of 30 items

Item #:	Item Name:	Start:	End:	Description:
406	Dining Set	10:00	5 minutes	Chairs, tables
407	Antique Stuff	After Lot 406	5 minutes	Antiques, Etc.
409	Beanie Babies 1	After Lot 407	1 min after last bid	misc. Beanie bears

322 324 320 326 **FIG. 21** 328 330

<u>Site</u>	<u>Round Trip</u>	<u>Throughput</u>
<u>www.bidpath.com</u>	<u>124ms</u>	
<u>www.netscape.com</u>	<u>163ms</u>	
<u>www.ebay.com</u>	<u>145ms</u>	
<u>www.cambridge.edu</u>	<u>221ms</u>	
<u>www.activestate.com</u>		4.0 Kb/s
<u>Average</u>	<u>163.25ms</u>	

340

FIG. 22

$$N\text{Packets} = 1,048,576 / 1,500$$

$$N\text{Packets} \sim 699$$

$$\text{TotalRoundTrip} = 699 * 140\text{ms}$$

$$\text{TotalRoundTrip} = 97.860\text{s}$$

$$\text{Total Transmission Time} = 1,048,576 * 8 / 56,000$$

$$\text{Total Transmission Time} \sim 149\text{s}$$

$$\text{Total Time} \sim 98\text{s} + 149\text{s} = 247$$

$$\text{KB/Sec} = 1024 / 247\text{s}$$

$$\text{KB/Sec} = 4.15$$

FIG. 23

350

```

<MESSAGES>
  <MESSAGE
AUTH="29cjc02347908fj%4353987">
    <BID ITEM="120"
AMOUNT="120.50">
      <AGENT TYPE=1
LIMIT="130" />
    </BID>
  </MESSAGE>
</MESSAGES>

```

360



FIG. 24

```

<MESSAGES>
  <MESSAGE ENCR=1>
... Base 64 Encrypted Message Goes Here...
  </MESSAGE>
</MESSAGES>

```

370




FIG. 25

```

<!ELEMENT Record (Name, BidderID, Address, Phones,
Fax?, Email?,
Payment) >
<!ATTLIST Record
    Type (new, change) #IMPLIED >

<!ELEMENT Name (Honor?, First, Middle?, Last?, Suffix?
) >
<!ELEMENT Honor    #PCDATA >
<!ELEMENT First    #PCDATA >
<!ELEMENT Middle   #PCDATA >
<!ELEMENT Last     #PCDATA >
<!ELEMENT Suffix   #PCDATA >

<!ELEMENT BidderID (UserID, Password) >
<!ELEMENT UserID    #NMTOKEN >
<!ELEMENT Passwd    #NMTOKEN >

<!ELEMENT Address (Line1, Line2?, City, State, Code?,
Country?) >
<!ELEMENT Line1     #PCDATA >
<!ELEMENT Line2     #PCDATA >
<!ELEMENT City      #PCDATA >
<!ELEMENT State     #PCDATA >
<!ELEMENT Code      #PCDATA >
<!ELEMENT Country   #PCDATA >

<!ELEMENT Phones    (Phone)* >
<!ELEMENT Fax        (Phone)? >
<!ELEMENT Phone (Ccode?, Acode?, Prefix, Digits,
Exten?)+ >
<!ATTLIST Phone
    TimeZone NUMBER #IMPLIED >
<!ELEMENT CCode     NUMBER >
<!ELEMENT ACode     NUMBER >
<!ELEMENT Prefix    NUMBER >
<!ELEMENT Digits    NUMBER >
<!ELEMENT Exten     NUMBER >

<!ELEMENT Email     #PCDATA >

<!ELEMENT Payment (PMethod)+ >
<!ATTLIST Payment
    Default (yes, no) #IMPLIED >
<!ELEMENT PMethod (Cash | CCard | Account) >
<!ELEMENT Cash      EMPTY >
<!ELEMENT CCard     EMPTY >
<!ATTLIST CCard

```

FIG. 26